



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

WITH SIGNED DECLARATION

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE



Sir:

Herewith is the PATENT APPLICATION of  
Inventor(s): Toshio MAEJIMA

Title **PULSE WIDTH MODULATION AMPLIFIER**

Atty. Dkt.: 308453 | H8019US  
C-M | Client Ref

including:

Date: February 24, 2004

1. Specification: 34 pages (only spec. and claims)      2. ☐ Specification in non-English language  
3. Declaration ☒ Original ☐ Facsimile/Copy ☒ Abstract 1 page(s); 8 numbered claims  
4. ☒ Drawings: 8 sheet(s) ☐ informal; ☒ formal of size: ☒ A4 ☐ 11"  
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete corresponding item 6 or 7). (Prior M# \_\_\_\_\_ SN \_\_\_\_\_ )  
6. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No.	<u>  /  </u>	filed	_____
No.	<u>  /  </u>	filed	_____
No.	<u>  /  </u>	filed	_____
No. PCT	<u>  /  </u>	filed	_____, which

designated the US.

7. ☐ See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s)  
8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.  
9. ☒ Assignee YAMAHA CORPORATION

Address 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan

10. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in Japan

11. \_\_\_\_\_ (country)

Application No.	Filing Date	Application No.	Filing Date
(1) 2003-053873	February 28, 2003	(2) 2004-013361	January 21, 2004
(3)		(4)	
(5)		(6)	
(7)		(8)	
(9)		<input type="checkbox"/> See 3 <sup>rd</sup> page for additional priorities	

12. \_\_\_\_\_ (No.) Certified copy (copies): ☐ attached; ☐ previously filed (date) \_\_\_\_\_  
in U.S. Application No.   /   filed on \_\_\_\_\_  
13. Small entity status → ☒ is **not** claimed; ☐ is claimed (**Pre-filing confirmation required**)  
13(a). ☐ Attached: \_\_\_\_\_ (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) **not essential** to make claim)  
13(b). ☐ See **NONPUBLICATION REQUEST** under Rule 213(a) attached (PAT-258)

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(4)	
(2)		(5)	
(3)		(6)	

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☐ Attached:

17. ☐ Preliminary Amendment:

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
18. Basic Filing Fee				\$770/\$385	\$770	1001/2001
19. Total Effective Claims	8	minus 20 =	*0	x \$18/\$9 =	+ 0	1202/2202
20. Independent Claims	2	minus 3 =	*0	x \$86/\$43 =	+ 0	1201/2201
*If answer is zero or less, enter "0"						
21. If any proper multiple dependent claim (ignore improper) is present , add (Leave this line blank if this is a reissue application)				+ \$290/\$145	+ 0	1203/2203
22.				TOTAL FILING FEE =	\$770	
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee				+ \$130	+ 0	1053
24. If "assignment" box 8 is X'd, add recording fee				+ \$40	+ 40	8021
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.				+ \$130	+ 0	1808
26.				TOTAL FEE =	\$810	
Our Deposit Account No. 16-1805						PLEASE CHARGE OUR DEP. ACCT.
Our Order No. 051270		0308453				
C#		M#				

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This **CHARGE STATEMENT** does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP  
Intellectual Property Group**

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RRW/msg

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

PATENT  
51270-308453

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application  
Toshio MAEJIMA

Group No.: Not Assigned

Serial No.: Not Assigned

Examiner: Not Assigned

Filed: February 26, 2004

For: PULSE WIDTH MODULATION AMPLIFIER

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 235 024 762 US

Date of Deposit: February 26, 2004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

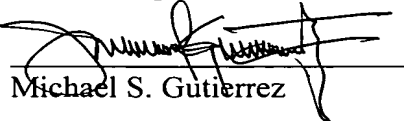
I hereby certify that

- ☒ Letter of transmittal
- ☒ Patent application (34 pages of specification; 8 claims; 1 page of abstract)
- ☒ A check in the amount of \$770.00 to cover the filing fee
- ☒ A Declaration/Power of Attorney
- ☒ 8 sheets of formal drawings
- ☒ Return postcard
- ☒ An Assignment of the invention with cover sheet and \$40.00 recordation fee
- ☒ An Information Disclosure Statement with 2 references and form PTO-1449

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 26, 2004  
Date of Deposit

  
Michael S. Gutierrez